

Title (en)

Rotary tool and cutting part comprised in the tool

Title (de)

Rotierendes Werkzeug mit Schneidteil innerhalb des Werkzeugs

Title (fr)

Outil rotatif avec partie coupante comprise dans l'outil

Publication

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Application

EP 03445027 A 20030227

Priority

SE 0200852 A 20020321

Abstract (en)

The present invention relates to a rotary tool for chip removing machining, for example a milling cutter or a drill, the tool comprising a shaft, a conical seating (10) arranged in the shaft (1), which seating is situated in connection to one end of the shaft (1), a holder (3) having an externally generally conical portion, a cutting part (5), the holder (3) having members (14) for receipt of the cutting part (5), as well as members (9, 11) in order to apply a force on the holder (3) in the axial direction of the shaft (1). Separately, the invention also relates to a cutting part (5). <??>The tool according to the present invention is characterized in that the holder (3) has a slightly conical recess (14), that the cross-section dimension of the recess (14) decreases in the direction of the open end of the recess (14), that the cutting part (5) has a slightly conical pin (20), which is designed to be received in the recess (14), that the cross-section dimension of the pin (20) increases in the direction of the free end of the pin (20), and that the recess (14) has a flexible shape. <IMAGE>

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Citation (search report)

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